

380V 6 Axis Industrial Welding Robots Flexible Robotic Welding Automation

Basic Information

Place of Origin: Guangdong, ChinaBrand Name: Jin Hongxiang

Certification: CE
Model Number: 1510
Minimum Order Quantity: 1 set
Price: Negotiable

Packaging Details: Export safety wooden case
 Delivery Time: 5-10 days or negotiation
 Supply Ability: 50 Set/Sets per Month



Product Specification

Condition: New

• Applicable Industries: Building Pipes, Process Products,

Automobile Sheet Metal,

• Warranty Of Core 1 Year

Components:

Core Components: PLC, Precision Servo, Robot Body, Welding

Power Supply, Control Cabinet

Product Name: Industrial 6 Axis Arm Welding Robot

Warranty: 1 Year

• Key Selling Points: Flexible, Stable, Durable And High Precision

Weight (KG): 170
 Voltage: 380V
 Current: 50-60HZ

• Dimensions: 550*785*410mm

Usage: Welding

Advantage: High Speed Stability



Product Description

Welding robot for stainless steel products

Welding application of stainless steel products

Technical features:

The robot moves steadily, the end speed is consistent with the set welding speed, and the welding is stable and well formed;

The robot and the welding machine realize full digital communication control,

so that the best welding efficiency and welding effect can be achieved;

The robot and the welding machine are fast and stable through full digital communication;

Single/double pulse welding machine, realizing low spatter welding in full current section;

Less spatter and less grinding; With short arc pulse technology, the welding speed is faster;

With high-frequency pulsating energy control, the melting depth is deeper, the heat input is lower,

and the scales are more beautiful; With smooth short circuit transition technology,

the weld bead is uniform and the molding is beautiful;

Wire feeding with encoder feedback is more stable and anti-interference is strong

Upgradable expert database

With position finding function

The pulse welding gun has a large heat output. When welding with a large current,

a water-cooled gun is required. The 500A water-cooled hollow welding gun supports long-time high current welding;

Scope of application:

1.2mm-4mm stainless steel welding (air cooling gun)
5mm-14mm stainless steel welding (water cooling gun)

Application field:

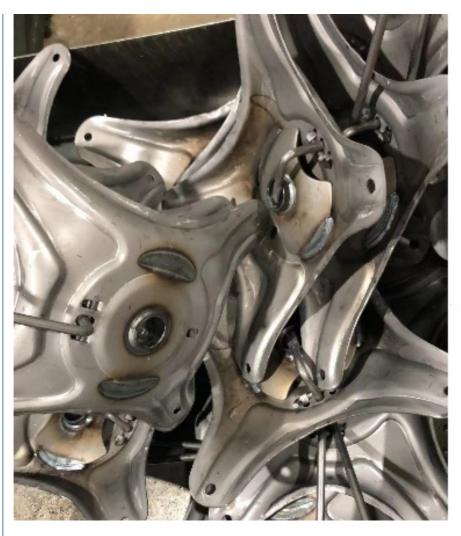
Parts of food utensils, kitchen and toilet, auto parts, gas tanks, electric boxes, medical equipment and other industries

Performance characteristics of robot body

- · The arm span is 1.5 meters. The design is highly compact and can be flexibly installed on the ground or upside down.
- · With large working space, fast running speed and high repeated positioning accuracy, it is suitable for wide range of welding applications.
- · The safety emergency stop board independent of the control system is equipped with, and the safety relay circuit is adopted to provide double-circuit emergency stop to ensure the reliability of emergency stop.
- · The robot body adopts highly flexible special cable.
- · Built-in three-phase transformer makes 380V and 220V isolated to help the power supply more stable. Built-in three-phase filter can effectively improve the performance of EMC and EMI.
- · The robot body is with dual-circuit gas pipe to meet the welding demand.
- · The inner diameter of 6-axis middle hole is 44mm, it can meet the installation requirements of water-cooling torch and bellows torch.
- · Highly flexible welding cable is built-in.

Welding workpiece





ROBOT BODY TECHNICAL PARAMETERS

Model		CRP-RH14-10-W
Arm form		Vertical multiple joints
Degree of freedom		6 axis
Maximum payload		10KG
Repeated positioning accuracy		±0.08mm
Maximum reaching distance	•	1454mm
Robot body weight		170KG
Installation mode		Ground,upside down mounting,wall mounting
Maximum travel	axis 1	Ground/upside down mounting- 167°~167°,wall mounting -30°~30°
	axis 2	-155°~90°
	axis 3	-175°~240°
	axis 4	-190°~190°
	axis 5	-105°~130°
	axis 6	-105°~130°
Maximum axis speed	axis 1	169°/s
	axis 2	169°/s
	axis 3	169°/s
	axis 4	301°/S
	axis 5	220°/s
	axis 6	743°/S

Allowable torque	axis 4	20N.m
	axis 5	5 20N.m
	axis 6	11N.m
Allowable moment of inertia	axis 4	0.5kg.m2
	axis 5	0.5kg.m2
		0.401

corner of the warehouse



"Our purpose: Every device, we must do better!!

reminder:
Our products are constantly upgraded and improved.
If the color or structure changes, the actual object shall prevail"

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